

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026291.D
 Acq On : 11 Dec 2025 13:45
 Operator : RC/JU
 Sample : PB170902BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170902BL

Quant Time: Dec 11 14:04:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	207721	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	772961	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	481686	20.000	ng	0.00
64) Phenanthrene-d10	17.090	188	1008044	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1176010	20.000	ng	0.00
86) Perylene-d12	24.836	264	1339093	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1677841	129.859	ng	0.00
7) Phenol-d6	6.837	99	1969594	120.766	ng	0.00
23) Nitrobenzene-d5	8.790	82	1181917	87.036	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	919426	146.775	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	2958303	89.291	ng	-0.01
79) Terphenyl-d14	19.836	244	5245208	91.162	ng	0.00

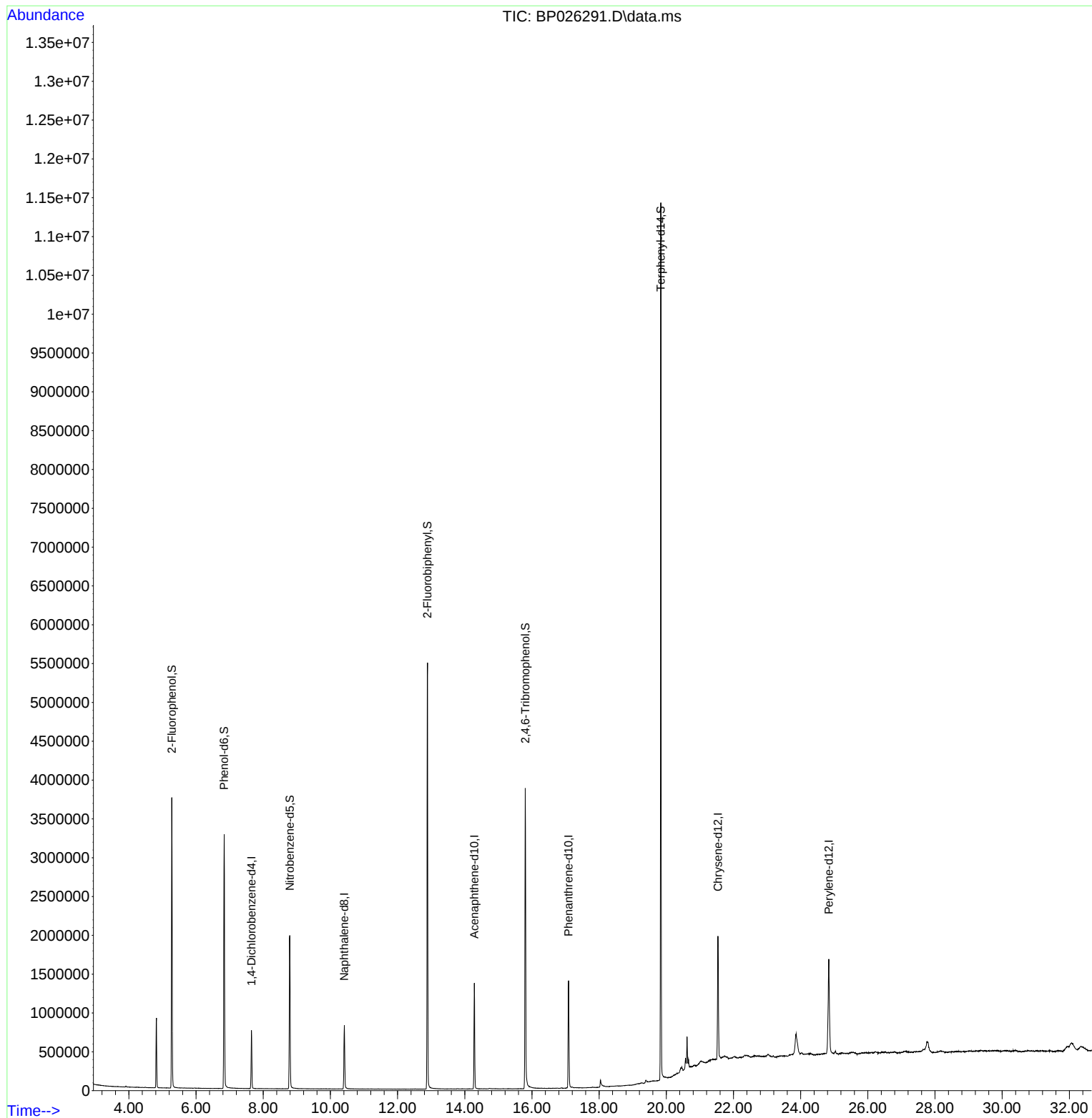
Target Compounds	Qvalue

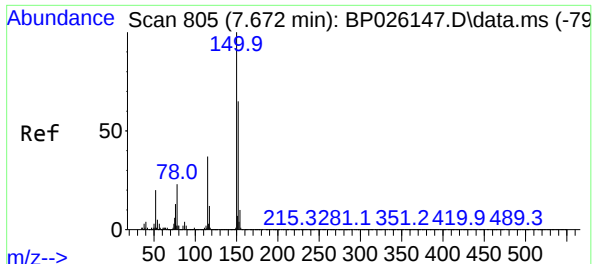
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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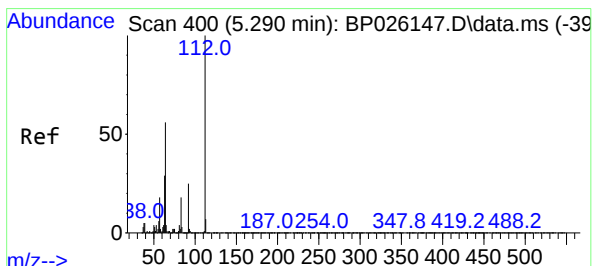
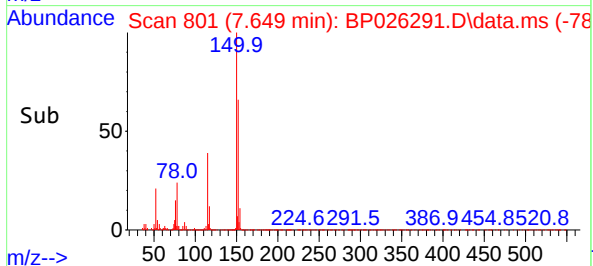
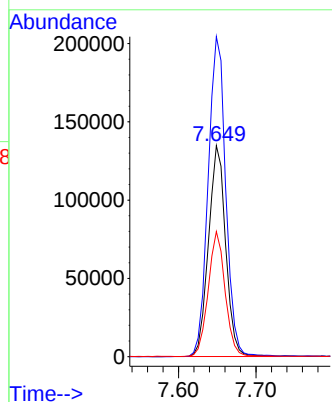
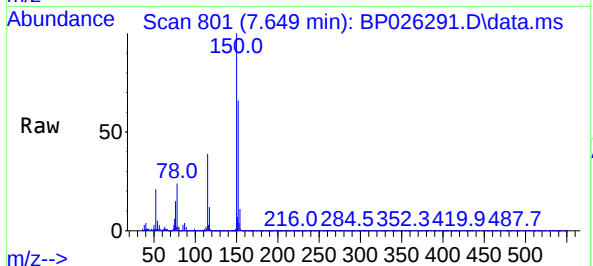




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

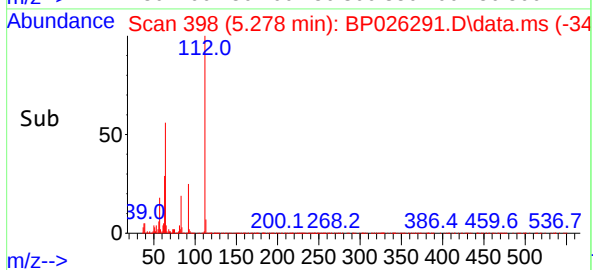
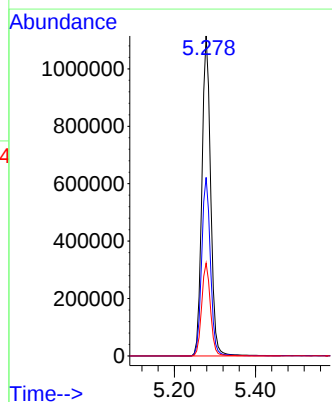
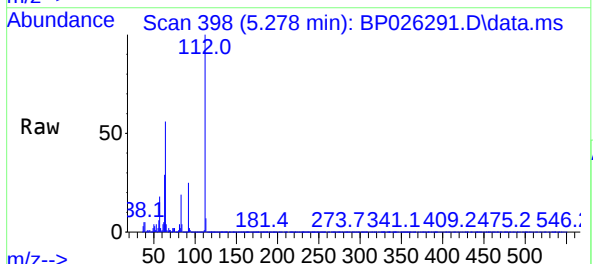
Instrument :
BNA_P
ClientSampleId :
PB170902BL

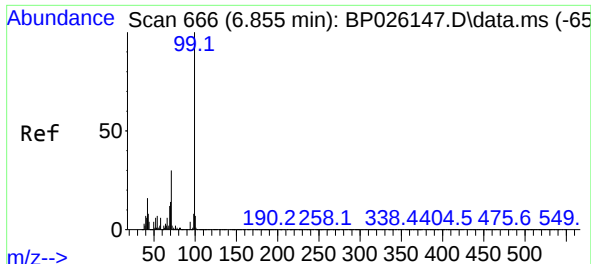
Tgt Ion:152 Resp: 207721
Ion Ratio Lower Upper
152 100
150 151.7 123.0 184.6
115 59.3 46.3 69.5



#5
2-Fluorophenol
Concen: 129.859 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:112 Resp: 1677841
Ion Ratio Lower Upper
112 100
64 55.8 45.8 68.6
63 29.0 23.5 35.3

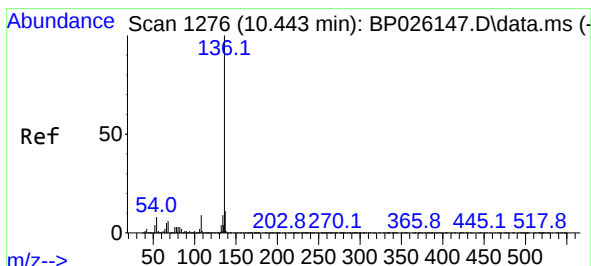
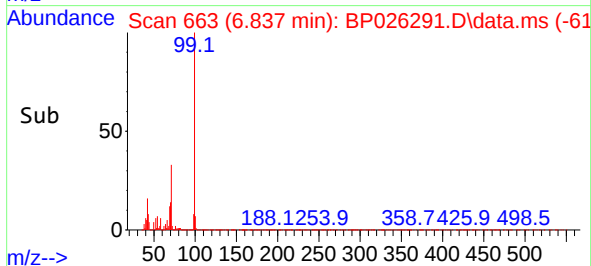
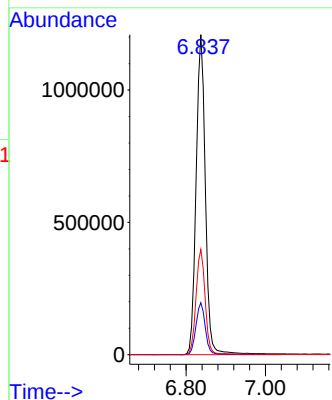
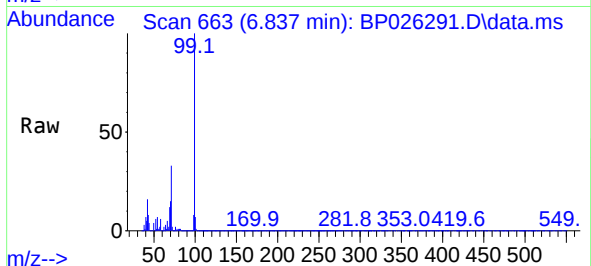




#7
Phenol-d6
Concen: 120.766 ng
RT: 6.837 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

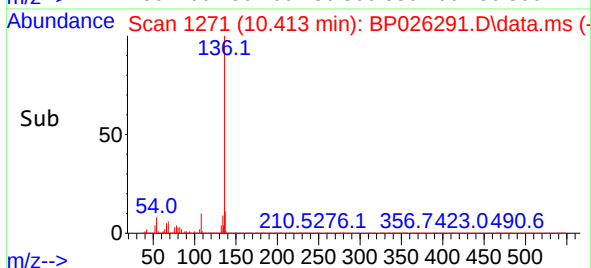
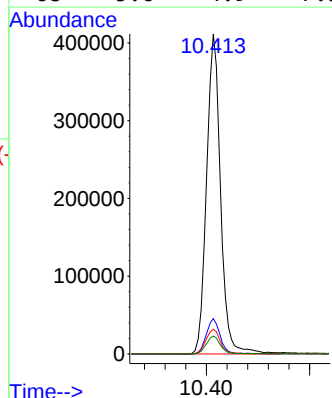
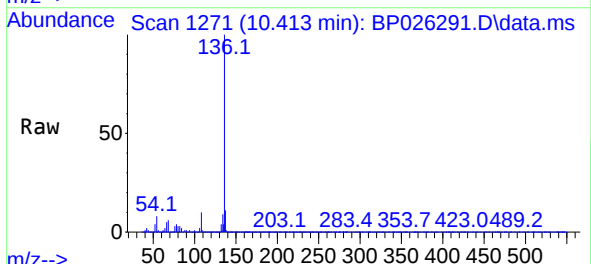
Instrument :
BNA_P
ClientSampleId :
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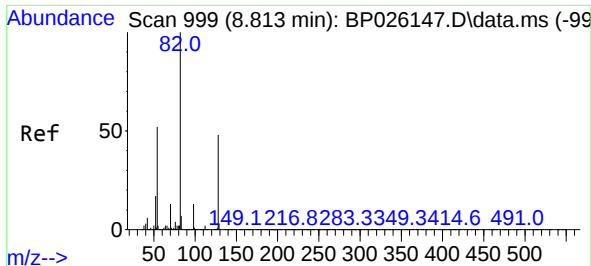
Tgt Ion: 99 Resp: 1969594
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 32.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:136 Resp: 772961
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.4 9.6
68 5.6 4.9 7.3

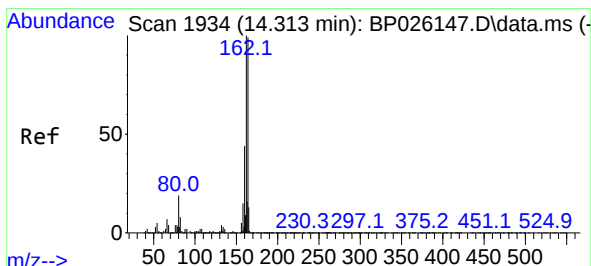
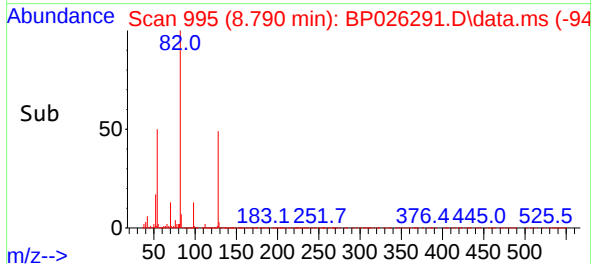
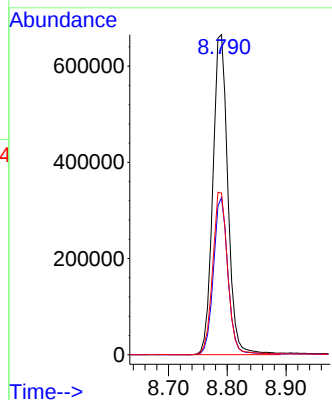
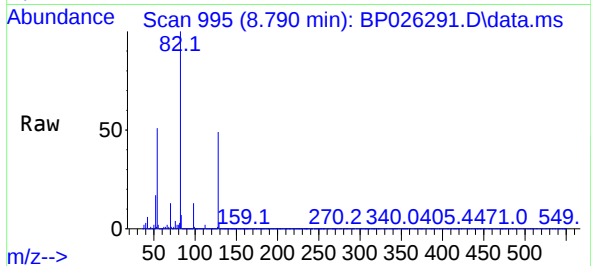




#23
Nitrobenzene-d5
Concen: 87.036 ng
RT: 8.790 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

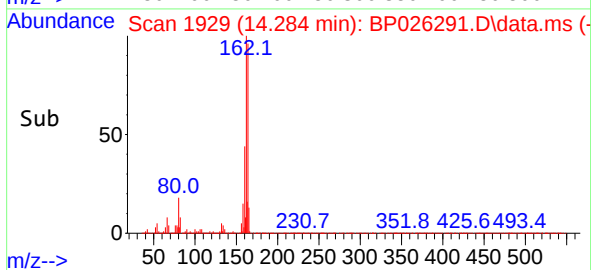
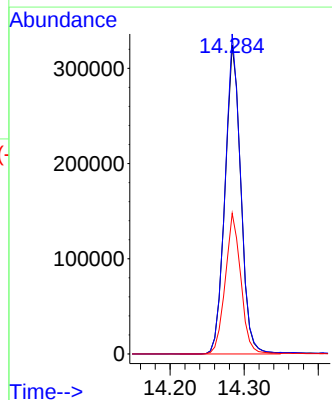
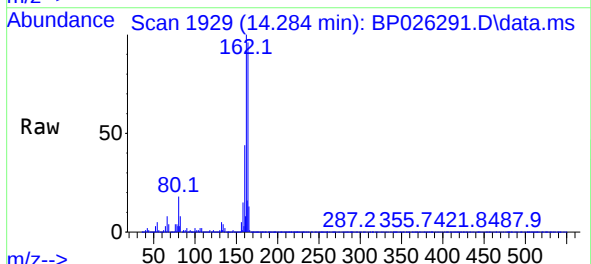
Instrument :
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ClientSampleId :
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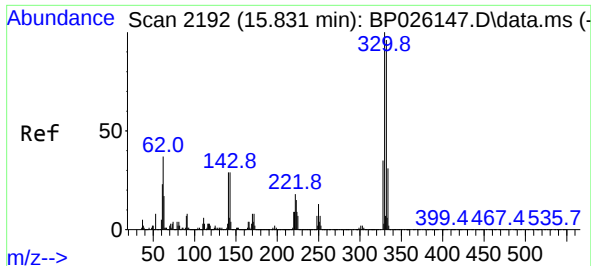
Tgt Ion: 82 Resp: 1181917
Ion Ratio Lower Upper
82 100
128 49.1 37.4 56.0
54 50.5 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion: 164 Resp: 481686
Ion Ratio Lower Upper
164 100
162 103.7 80.3 120.5
160 45.6 35.2 52.8

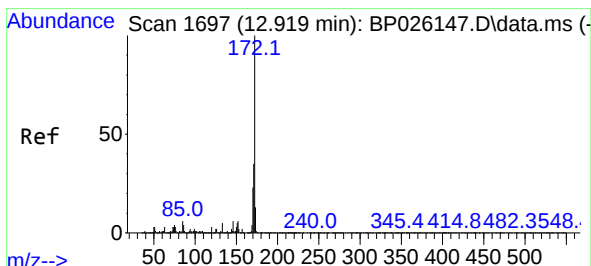
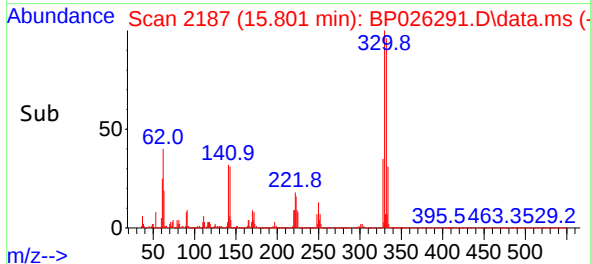
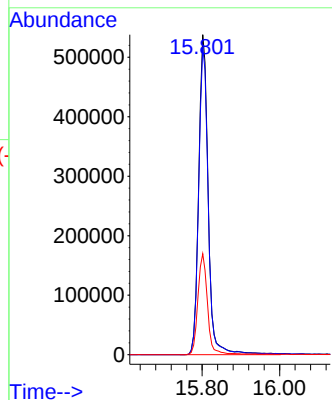
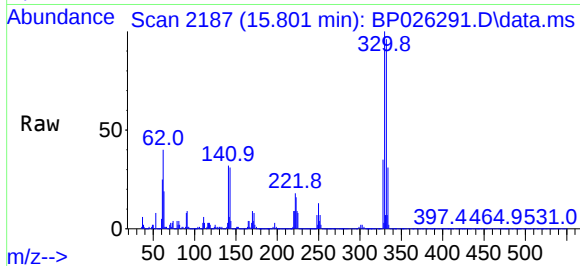




#42
2,4,6-Tribromophenol
Concen: 146.775 ng
RT: 15.801 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

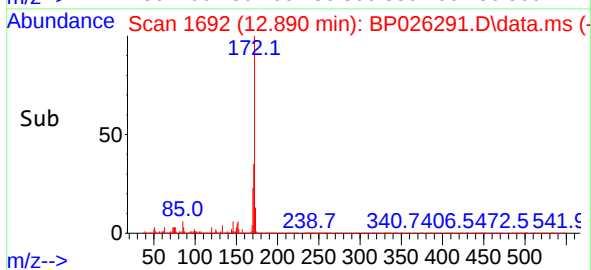
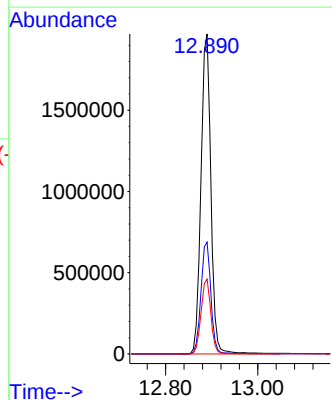
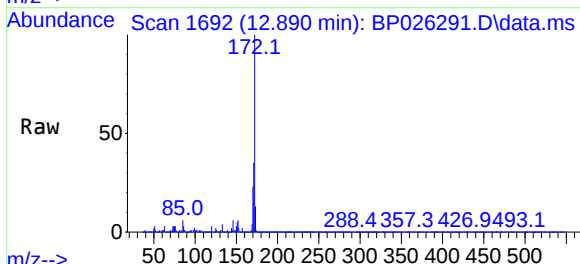
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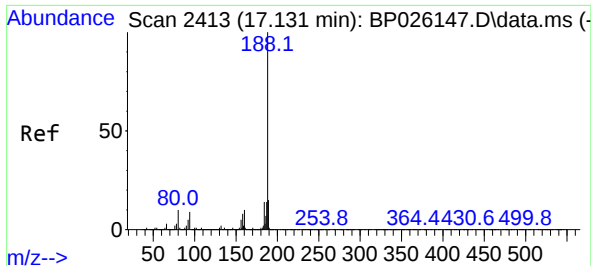
Tgt Ion:330 Resp: 919426
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 31.7 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 89.291 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:172 Resp: 2958303
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.7 28.1

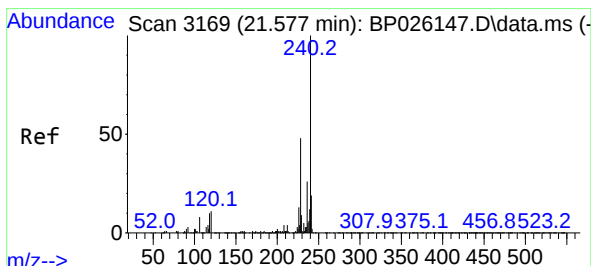
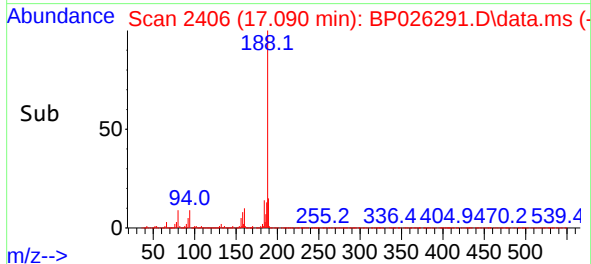
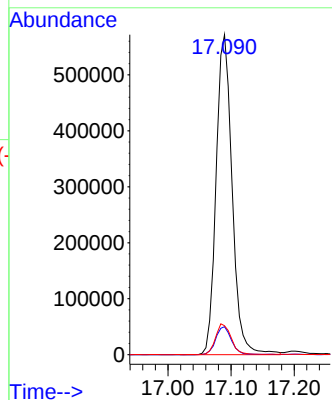
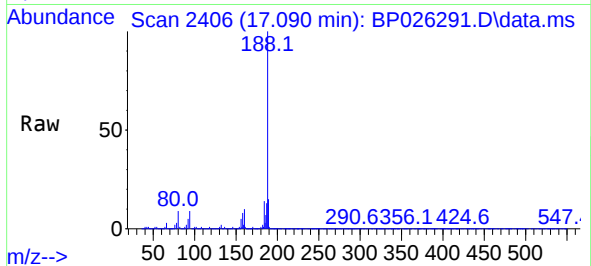




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.090 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

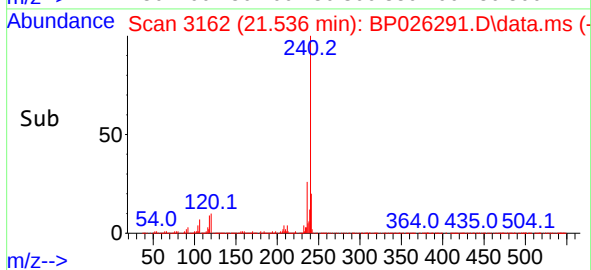
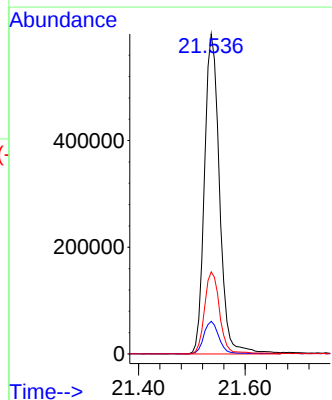
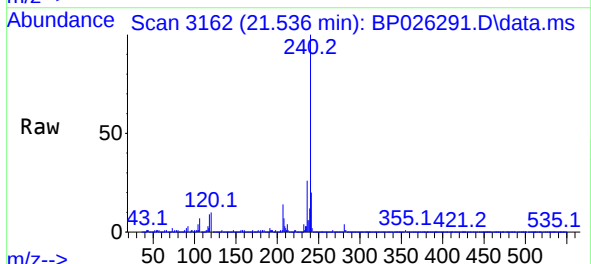
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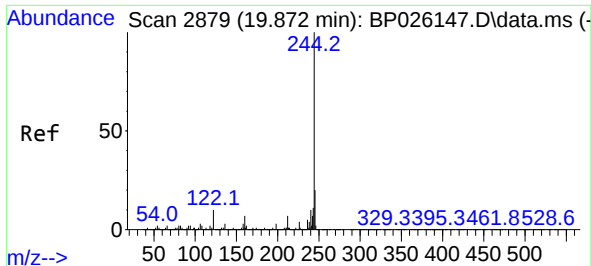
Tgt Ion:188 Resp: 1008044
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026291.D
Acq: 11 Dec 2025 13:45

Tgt Ion:240 Resp: 1176010
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.7 20.4 30.6

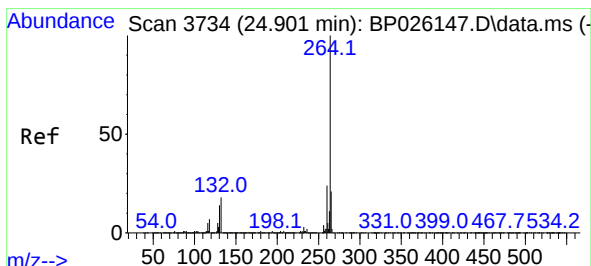
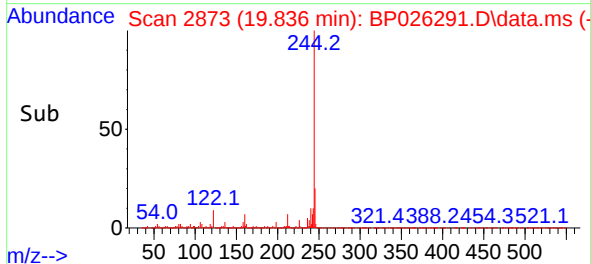
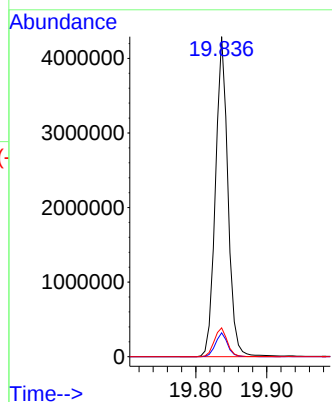
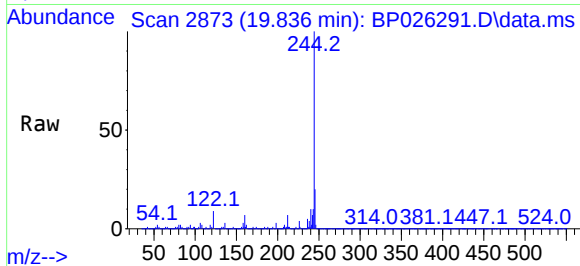




#79
 Terphenyl-d14
 Concen: 91.162 ng
 RT: 19.836 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP026291.D
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Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 5245208
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 3723
 Delta R.T. 0.012 min
 Lab File: BP026291.D
 Acq: 11 Dec 2025 13:45

Tgt Ion:264 Resp: 1339093
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.6 17.5 26.3

